

Reg. No. :

Name :

Third Semester B.Ed. Degree Examination, December 2020

**EDU – 13.8 : EMERGING TRENDS AND PRACTICES IN PHYSICAL
SCIENCE EDUCATION**

(2019 Admission)

Time : 2 Hours

Max. Marks : 50

PART – A

Answer **all** questions by selecting the most appropriate one form the options.

1. Who invented Jigsaw teaching technique?
 - (a) Elliot Aronson
 - (b) Frank Lyman
 - (c) Robert Glaser
 - (d) Richard Suchman

2. Which among the following is not an element under experiential learning?
 - (a) Concrete experience
 - (b) Reflective observation
 - (c) Practical simulations
 - (d) Active experimentation

3. Which of the following is not a provision for the education of gifted children
 - (a) Acceleration
 - (b) Enrichment programme
 - (c) Remedial programme
 - (d) Triple track plan

14. How does reflection improve teaching competence?
15. Briefly explain any two strategies that can be used to help creative learners.

(5 × 2 = 10 Marks)

PART – D

Answer **any four** questions. Each question carries **5** marks.

16. What is grading? Discuss the merits and demerits of grading system.
17. What is meant by concept mapping? What are the basic principles of concept mapping?
18. Explain the importance of digital text in curriculum transaction.
19. Briefly describe a rubric for assessing a seminar.
20. Briefly explain the importance of diagnostic test in physical science education.
21. Explain the procedure of conducting think pair share learning.

(4 × 5 = 20 Marks)

PART – E

Answer **any one** questions. Each question carries **10** marks.

22. Explain continuous and comprehensive evaluation by discussing the merits and demerits.
23. Describe brain based learning strategy.

(1 × 10 = 10 Marks)
